

Parts List Standard Breakdown

**AMSCO Scientific
Eagle® Century Series
SL Sterilizer**

(10-2-98)

P-387345-865 Rev.3

A WORD FROM STERIS

Advisory

A summary of the safety precautions to be observed when servicing this equipment can be found in Section 1 of The Service Procedure Manual and behind the upper access panel of the unit. Do not operate or service the sterilizer until you have become familiar with this information.

This sterilizer is not designed to process flammable liquids nor liquids in containers that are not designed for sterilization. Any alteration of the sterilizer which affects its operation will void the warranty and could violate state and local regulations and jeopardize insurance coverage.

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Significant assemblies and components of the Eagle® Century SL Series Sterilizers are illustrated and identified in this booklet. The part number, description and schematic designation (where applicable) are given. Each indentation in the description represents the assembly level.

This manual is provided to STERIS® customers and STERIS® service technicians to enhance the ordering of maintenance parts for the AMSCO® Eagle® Century SL Sterilizers. This manual includes parts required for routine calibration of the machine by a qualified service technician. To order maintenance parts or identify hardware not found in this manual, please call STERIS® Customer Service at (800) 333-8848 for assistance.

Parts which will require recalibration of the machine after replacement are marked in this manual by an asterisk(*). STERIS® recommends the customer call for the assistance of an STERIS® technician to perform this work.

The customer maintenance person should refer to the Eagle Century Series Sterilizer Service and Maintenance Procedure Manual for installation of parts not marked by an asterisk, which may require special attention or adjustments during installation.

How to Use the Illustrated Parts List:

1. Determine the function and application of the part required. Consult the list of illustrations (on the page facing this one), select the most appropriate title and note the page number.
2. Turn to the selected page and locate the desired part on the illustration.
3. From the illustration, obtain the item number assigned to the desired part. Refer to the accompanying tabular list (usually on the facing page) for the STERIS® order number and description for the part.

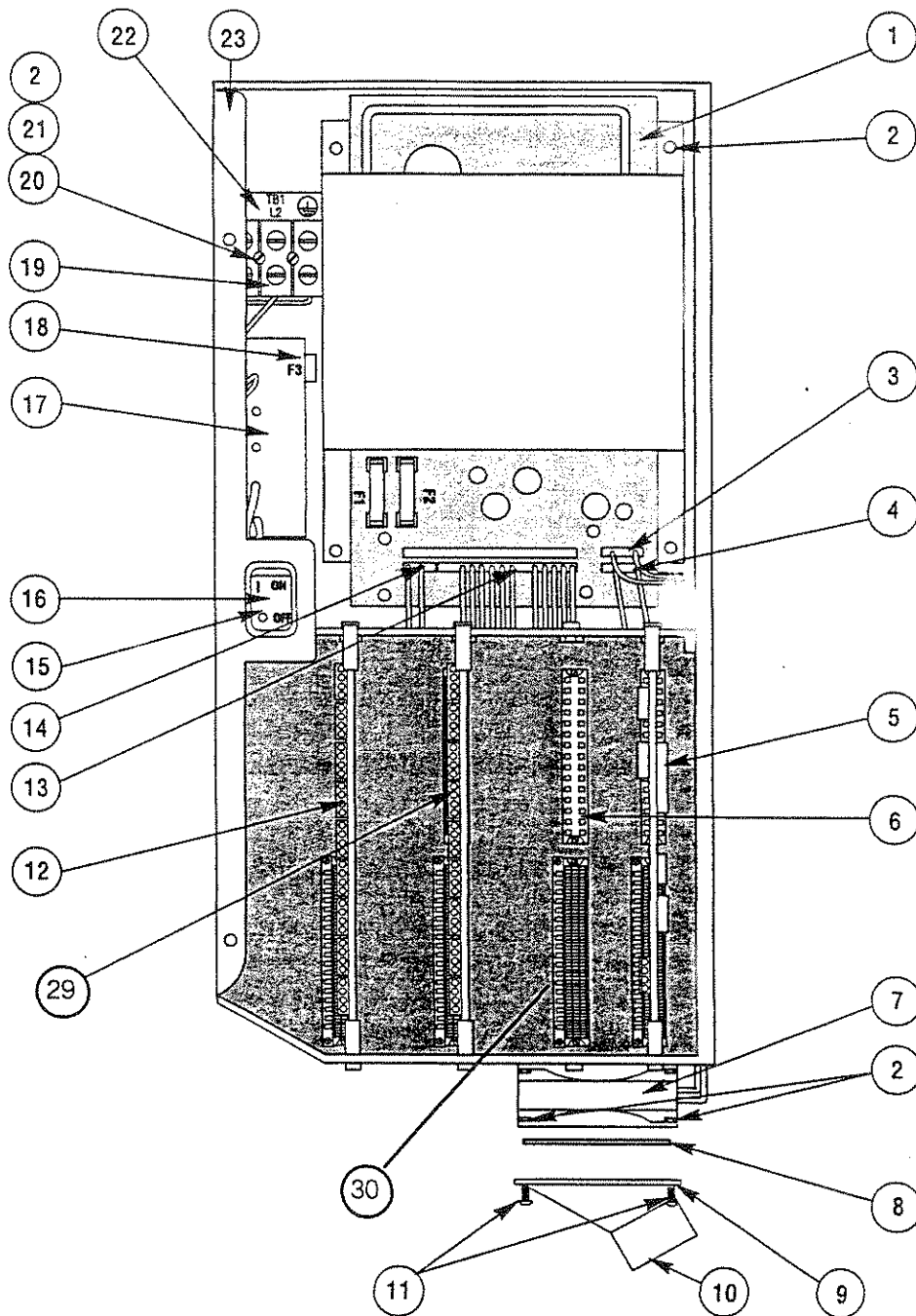


Figure 1a. Standard Century Control Box

CENTURY STERILIZER

Control Box

Call STERIS® Customer Service For Ordering Parts 1-800-333-8848

ITEM NO.	PART NUMBER	DESCRIPTION
1	136810 -006	POWER SUPPLY
2	84121 -002	NUT, KEPS #6
3	93918 -080	WIRE HARNESS J2/FAN
4	136809 -744	WIRE HARNESS J4/J16
★ 5	146656 -185	BOARD, CONTROL ASSEMBLY (See Fig. 2)
6	146657 -779	BOARD, CONNECTOR ASSEMBLY
7	93918 -079	FAN, COOLING
8	129367 -525	FILTER, AIR
9	136809 -737	GASKET, CONTROL BOX
10	136809 -743	FAN, ADAPTER
11	93908 -039	SCREW, SEMS #6 - 32 x 3/8" LG.
★ 12	366071 -996	I/O BOARD ASSEMBLY
	129361 -870	■ RELAY (solid state)
	129367 -617	■ RELAY (mechanical)
	129363 -928	■ FUSE
13	136809 -746	WIRE HARNESS J3B/J15B
14	136809 -745	WIRE HARNESS J3A/J15A
15	129367 -517	DECAL, SWITCH
16	93911 -576	SWITCH, CONTROL (SW1)
17	93910 -584	FILTER, LINE
18	764317 -463	FUSE, 5A (F3)
19	129361 -158	BLOCK, TERMINAL
20	3966 -041	SCREW, RD., HD. #6-32 x 1-1/4" LG.
21	19675 -041	LOCKWASHER, #6
22	129367 -492	LABEL, TERMINAL BLOCK
23	146657 -777	HOUSING, CONTROL
24	93918 -352	HOSE, CONTROL BOX (Not Shown)
25	150371 -001	DECAL, DISCONNECT POWER (Not Shown)
26	93918 -187	LABEL, WARNING BURN HAZARD (Not Shown)
27	93918 -457	LABEL, MAIN POWER (Not Shown)
28	93918 -099	LABEL, WARNING SHOCK/BURN (Not Shown)
★ 29	146659 -008	I/O BOARD ASSEMBLY
	129361 -870	■ RELAY (solid state)
	129363 -928	■ FUSE
★ 30	146659 -003	HALF SIZE ANALOG BOARD
	or	
(optional)	146659 -029	FULL SIZE ANALOG BOARD
		★
		<i>Note dip switch and jumper settings (See Service and Maintenance Procedure for settings.)</i>

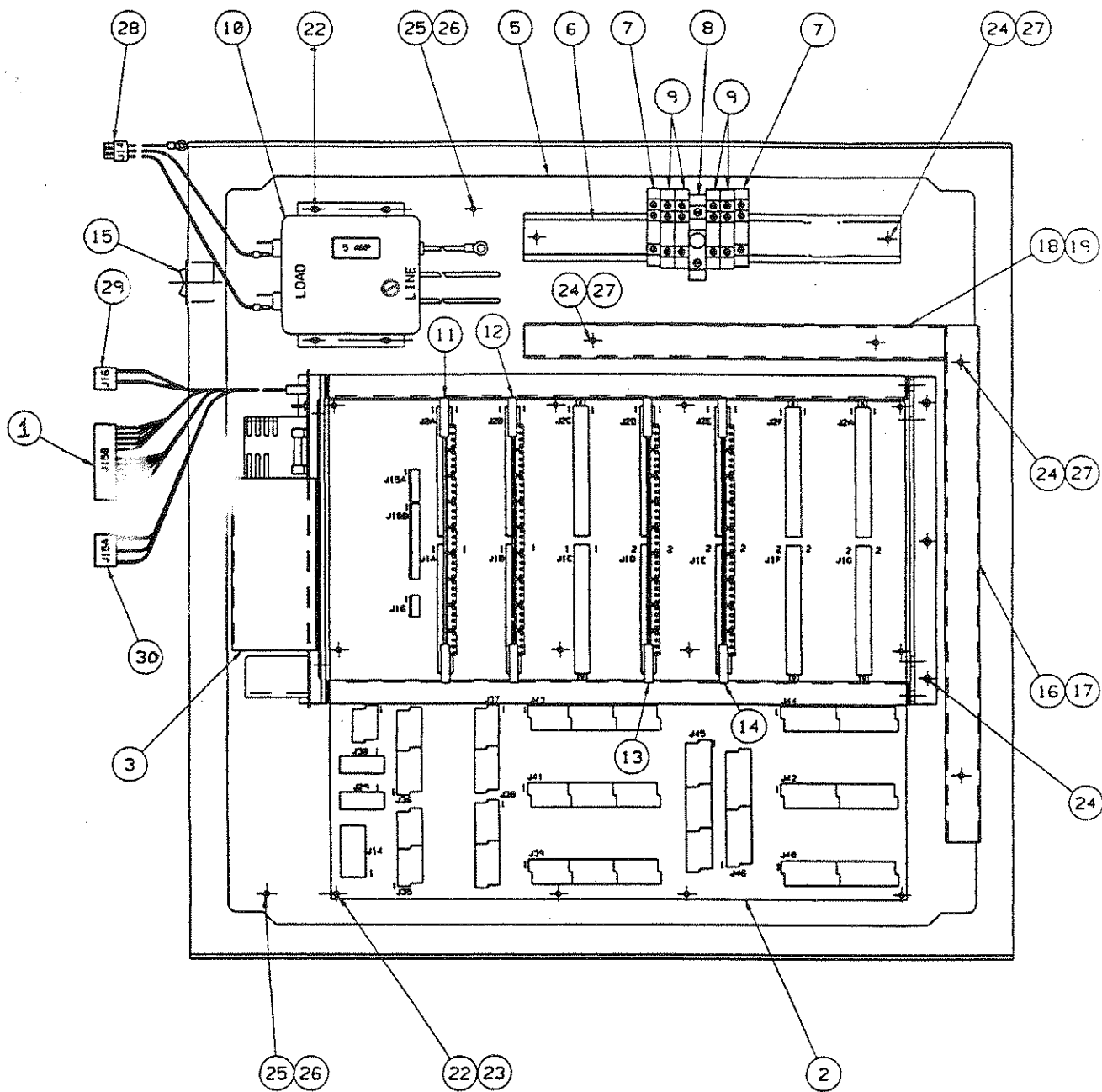


Figure 1b. Century EXP Control Box

CENTURY STERILIZER
EXP Control Box ASSEMBLY 146659-045

Call STERIS® Customer Service For Ordering Parts 1-800-333-8848

ITEM NO.	PART NUMBER	DESCRIPTION
1	356256 -487	WIRE HARNESS
2	146659 -032	BACKPLANE
3	366072 -387	POWER SUPPLY
4	338521 -697	ENCLOSURE
5	356256 -488	MOUNTING PLATE
6	93915 -093	RAIL, DIN
7	93922 -049	TERMINAL BLOCK
8	338521 -698	TERMINAL BLOCK
9	93922 -023	TERMINAL BLOCK
10	93910 -584	FILTER, ELECTRIC
11	146656 -185	CONTROL BOARD
12	146659 -029	ANALOG BOARD
13	366071 -996	I/O BOARD
14	146659 -008	I/O BOARD
15	356256 -484	SWITCH ASSEMBLY
16	338521 -700	WIRING DUCT
17	338521 -702	DUCT COVER
18	338521 -699	WIRING DUCT
19	338521 -701	DUCT COVER
20	387343 -719	RELAY
21	387343 -721	SOCKET
22	93908 -033	SCREW, SEMS
23	387346 -484	STANDOFF
24	81669 -004	SCREW, TRUSS HD.
25	82675 -001	SCREW, GROUND
26	124361 -013	WASHER, LOCK
27	31705 -045	WASHER, LOCK
28	338521 -703	WIRE HARNESS
29	356256 -485	WIRE HARNESS
30	356256 -486	WIRE HARNESS
		<p>★ Note: 1. Items 20/21 are included with the Standard EXP Control but deleted for the Century SL.</p> <p>2. The Standard Century EXP Control includes item 13 as P/N 146659-005. This item is modified to P/N 366071-966 per modification P/N 366072-988 for the Century SL.</p> <p>3. Refer to machine electrical schematic for power door drive related electrical parts.</p>

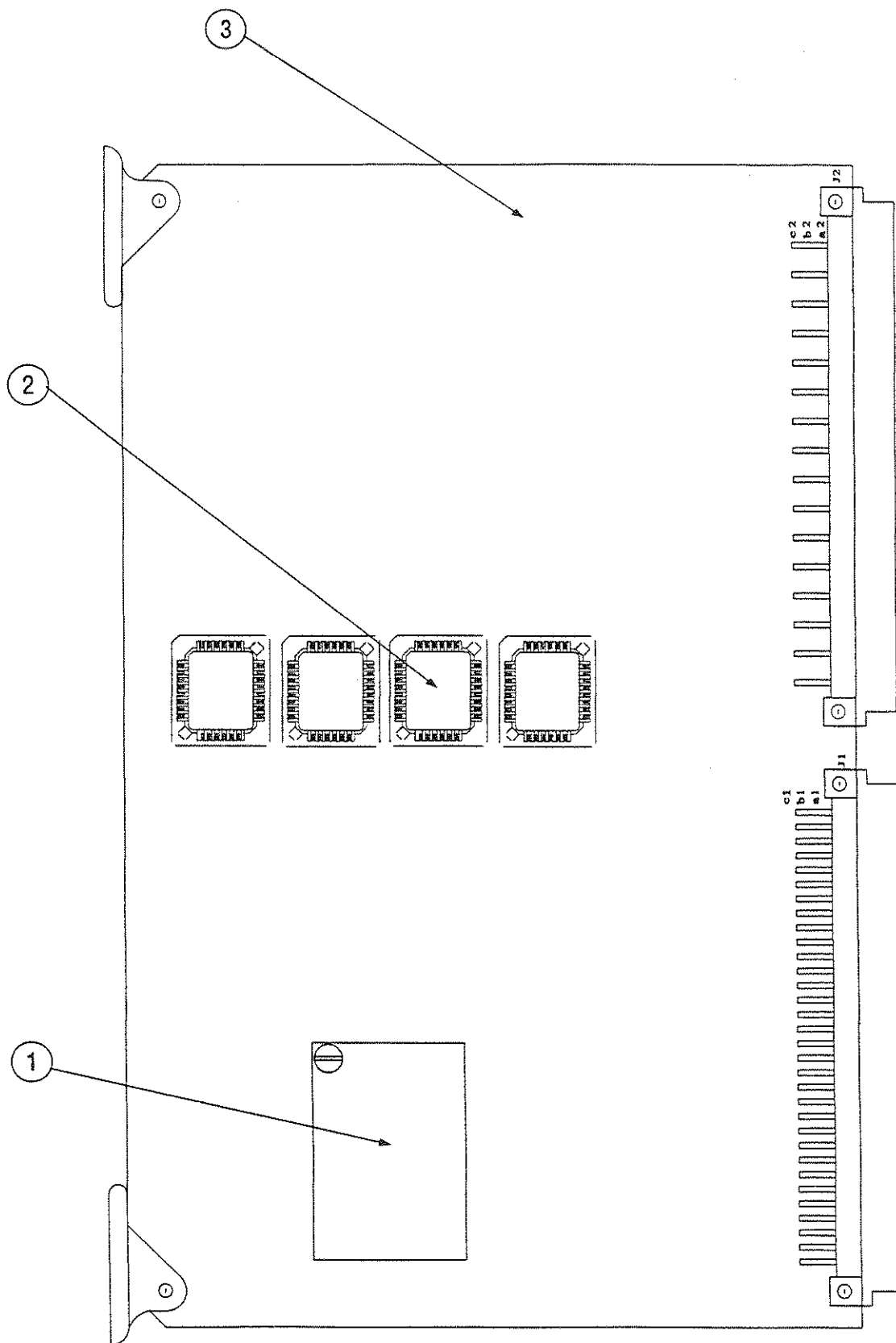


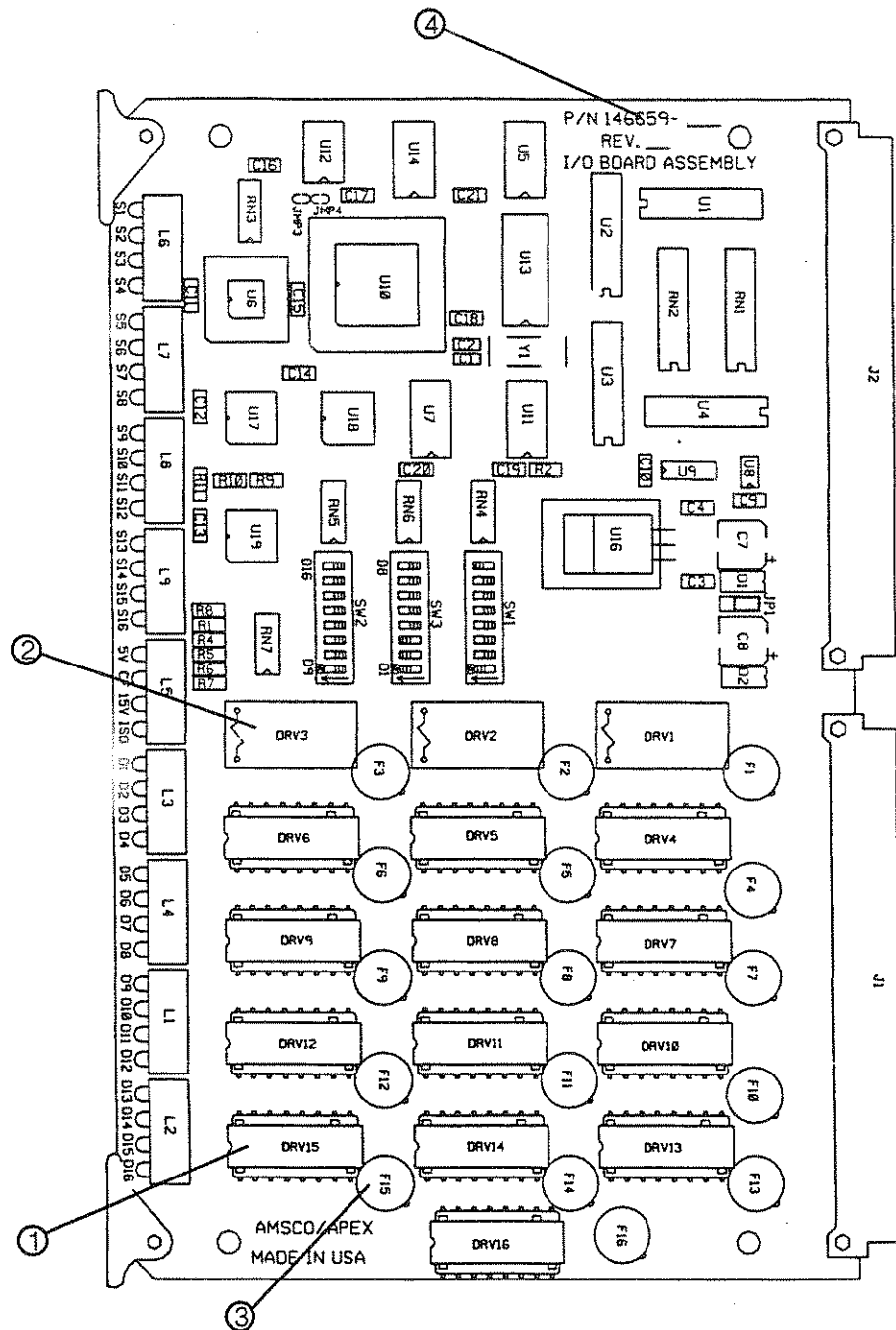
Figure 2. Control Board

CENTURY STERILIZER

Control Board

Call STERIS® Customer Service For Ordering Parts 1-800-333-8848

ITEM NO.	PART NUMBER	DESCRIPTION
1	93915 -047	BATTERY, SMART, U2 DS1260
*2		EPROM SET
3	146656 -185	CONTROL BOARD ASSEMBLY (INCLUDES 4 UNPROGRAMMED EPROMS)
		<i>*Contact STERIS® for replacements.</i>



NOTE: Item 2 is replaced by item 1 for board P/N 366071-996.

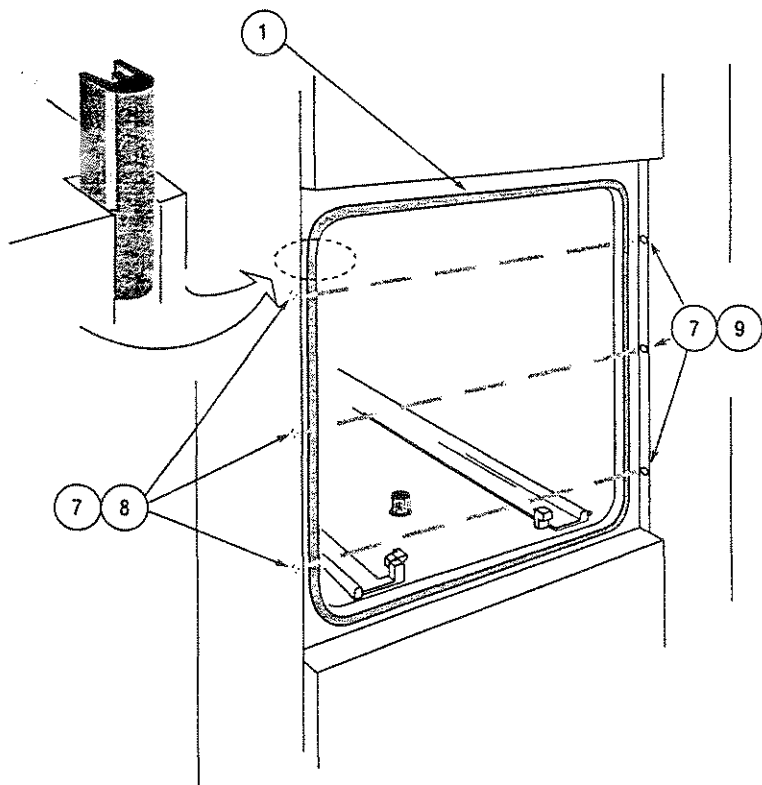
Figure 3. I/O Board

CENTURY STERILIZER

I/O Board

Call **STERIS®** Customer Service For Ordering Parts 1-800-333-8848

ITEM NO.	PART NUMBER	DESCRIPTION
1	129361 -870	RELAY, SOLID STATE
2	129367 -617	RELAY, RV
3	129363 -928	FUSE
4	146659 -008	I/O BOARD ASSEMBLY
	or	
	366071 -996	



NOTE: Units equipped with an Oasys Isolator do not include items 7, 8 and 9 at the middle and lower sections shown at the left for the Oasys end door.

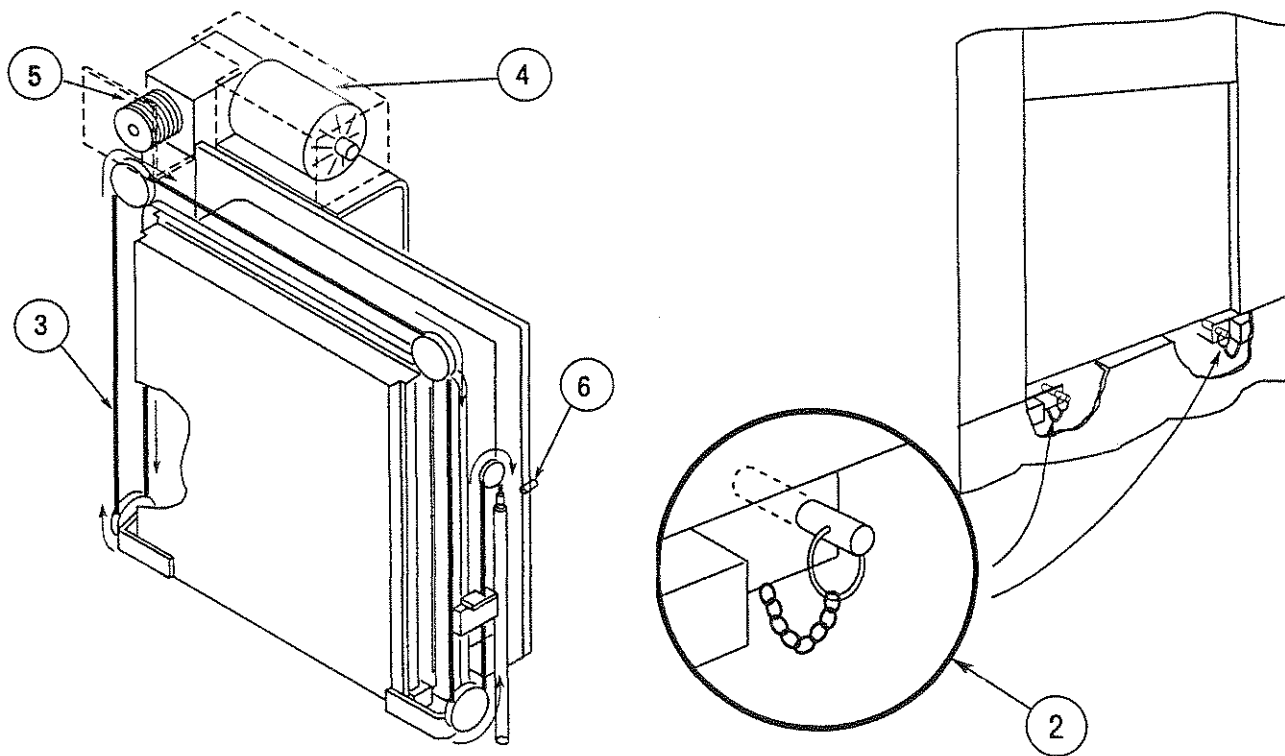


Figure 4. Door Components

DOOR COMPONENTS

Call STERIS® Customer Service For Ordering Parts 1-800-333-8848

ITEM. NO.	PART NUMBER	DESCRIPTION
1	764325 -922	DOOR GASKET REMOVAL TOOL (Not shown)
2	146655 -827	DOOR GASKET
	129362 -260	PIN, Hitch
DOOR DRIVE PACKAGE		
3	93911 -444	CABLE ASSEMBLY
4	136809 -103	MOTOR
5	136809 -104	CABLE DRUM
*6	93909 -954	PROXIMITY SENSOR
DOOR OBSTRUCTION SENSORS		
7	129362 -344	COVER, Lens
*8	93909 -894	EMITTER ASSEMBLY
*9	93909 -895	RECEIVER ASSEMBLY

* STERIS® recommends this part be replaced only by a qualified technician, and suggests the customer call STERIS® for assistance. See page 1 for additional information.

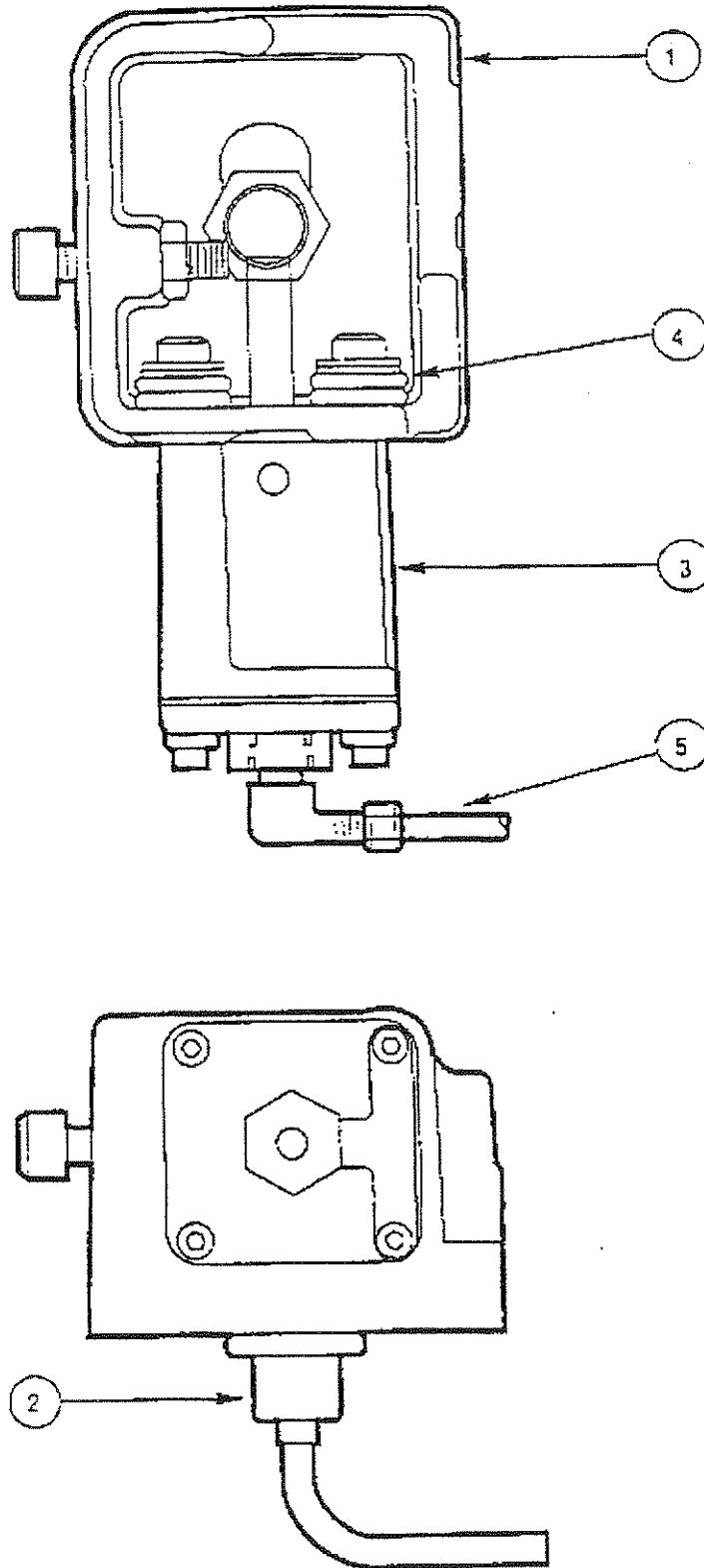


Figure 5. Door Pressure Lock Assembly

DOOR PRESSURE LOCK ASSEMBLY

Call **STERIS®** Customer Service For Ordering Parts 1-800-333-8848

ITEM NO.	PART NUMBER	DESCRIPTION
1	146655 -865	PRESSURE LOCK
*2	93909 -954	SENSOR, PROXIMITY
3	93911 -202	CYLINDER
4	129362 -334	WASHER (Silicone)
5	R3500 -525	NYLON TUBING (Specify length when ordering)

** STERIS® recommends this part be replaced only by a qualified technician, and suggests the customer call STERIS® for assistance. See page 1 for additional information.*

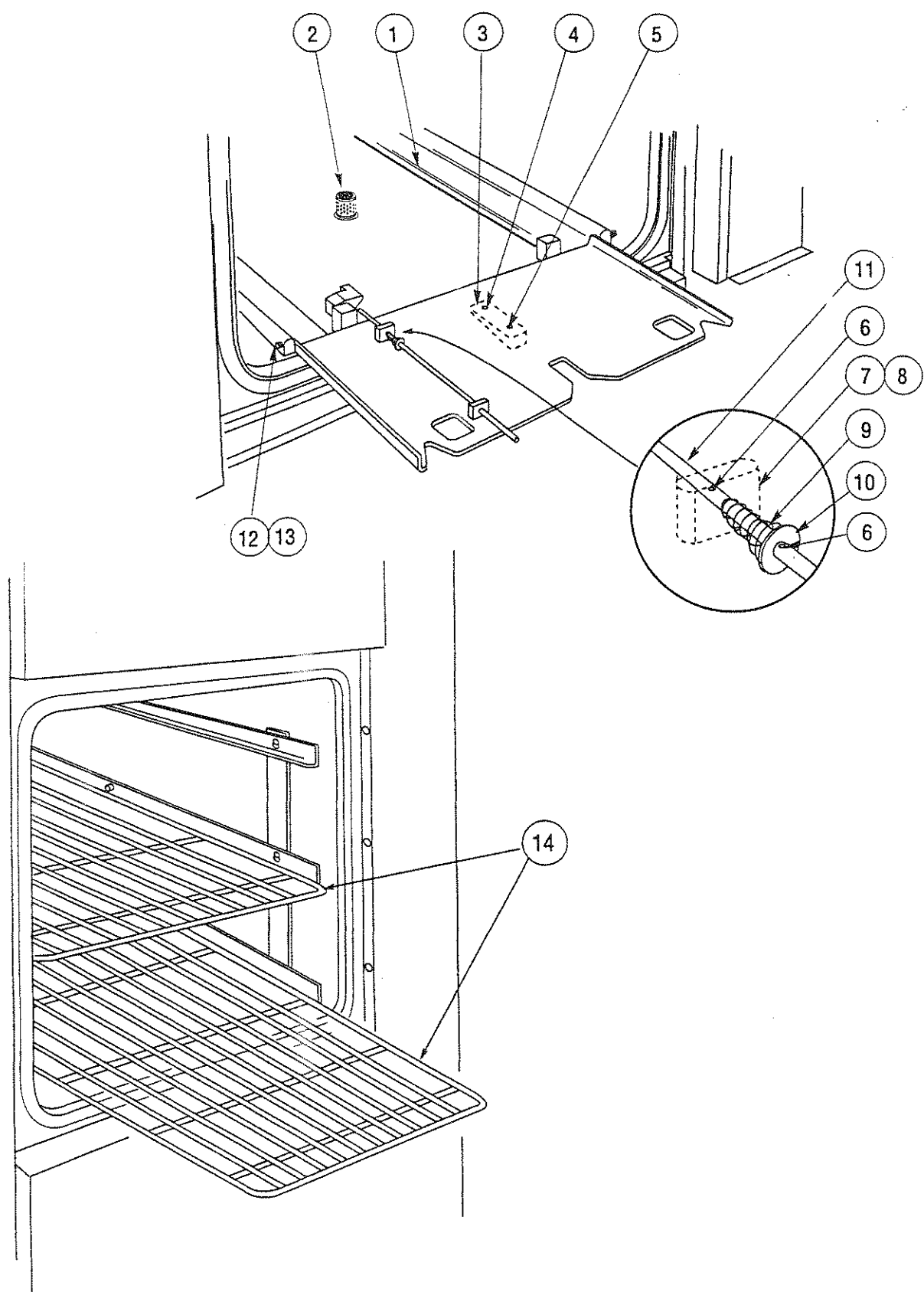


Figure 6. Bridge Assembly and Rack & Shelving Assembly

BRIDGE ASSEMBLY and RACK & SHELVING ASSEMBLY COMPONENTS

Call STERIS® Customer Service For Ordering Parts 1-800-333-8848

ITEM NO.	PART NUMBER	DESCRIPTION
1	146657 -206	TRACK ASSEMBLY, 26" Single Door
	146657 -207	TRACK ASSEMBLY, 26" Double Door
	146657 -208	TRACK ASSEMBLY, 39" Single Door
	146657 -209	TRACK ASSEMBLY, 39" Double Door
	146657 -210	TRACK ASSEMBLY, 49" Single Door
	146657 -211	TRACK ASSEMBLY, 49" Double Door
	146657 -212	TRACK ASSEMBLY, 61" Single Door
	146657 -213	TRACK ASSEMBLY, 61" Double Door
2	93911 -224	CHAMBER DRAIN SCREEN
3	93911 -544	RAMP SLIDE
4	129367 -249	SCREW, PAN HD.
	150475 630	■ NUT, HEX
5	462328 -568	SCREW, PAN HD.
	150475 630	■ NUT, HEX
6	43224 -061	PIN ROLL
7	93911 -793	GUIDE BLOCK
8	150276 -001	SCREW, PAN HD.
9	129362 -870	SPRING
10	37675 -061	WASHER, FLAT
11	93911 -545	ROD
12	129362 -886	SCREW, PIVOT
13	191172 -061	NUT, JAM
14	146657 -503	SHELF, 26" UNIT
	146657 -644	SHELF, 39" UNIT

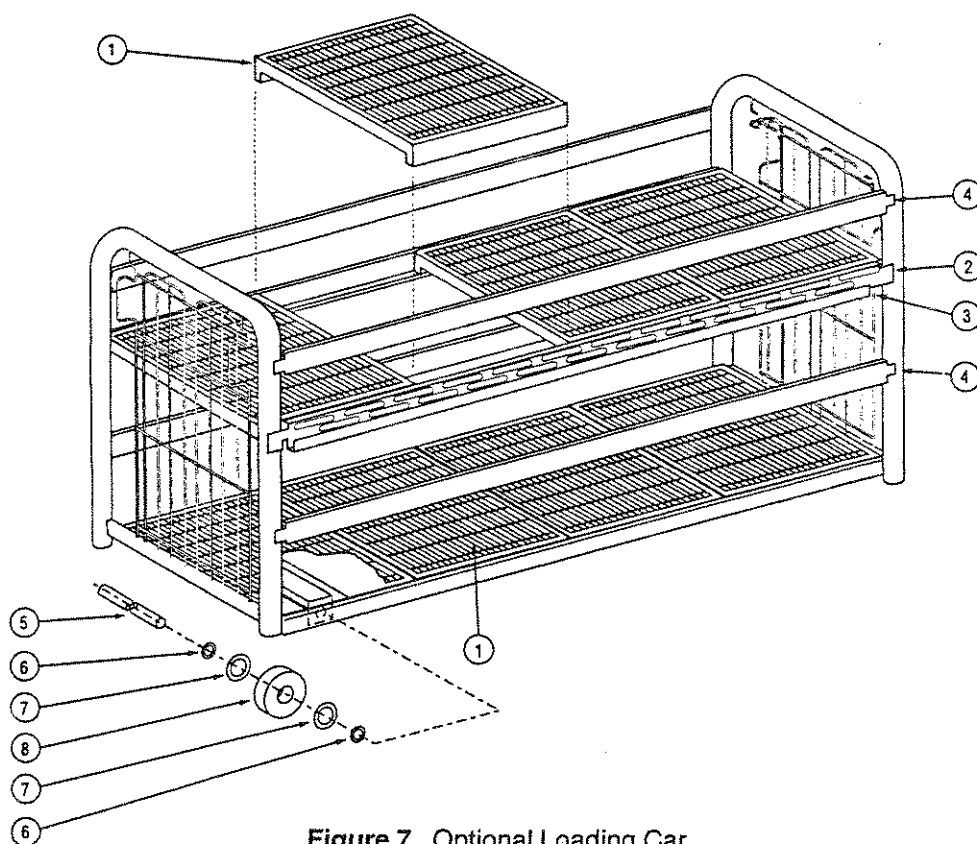


Figure 7. Optional Loading Car

OPTIONAL LOADING CAR

Call STERIS® Customer Service For Ordering Parts 1-800-333-8848

ITEM NO.	PART NUMBER	DESCRIPTION
1	146657 -605	SHELF WELDMENT - 26x26x26" - 2 per car
	146657 -569	SHELF WELDMENT - 26x26x39" - 6 per car
	146657 -569	SHELF WELDMENT - 26x26x49" - 8 per car
	146657 -569	SHELF WELDMENT - 26x26x61" - 10 per car
2	146657 -604	SHELF SUPPORT - 26x26x26"
	146657 -603	SHELF SUPPORT - 26x26x39"
	146657 -602	SHELF SUPPORT - 26x26x49"
	146657 -601	SHELF SUPPORT - 26x26x61"
3	136809 -612	GUTTER, SHELF SUPPORT - 26x26x26"
	136809 -613	GUTTER, SHELF SUPPORT - 26x26x39"
	136809 -614	GUTTER, SHELF SUPPORT - 26x26x49"
	136809 -615	GUTTER, SHELF SUPPORT - 26x26x61"
4	146655 -259	GATE, SIDE - 26x26x26"
	146657 -150	GATE, SIDE - 26x26x39"
	146657 -134	GATE, SIDE - 26x26x49"
	146657 -202	GATE, SIDE - 26x26x61"
5	93911 -584	AXLE
6	129353 -321	RING, RETAINER
7	47267 -091	WASHER, FLAT
8	129367 -211	WHEEL

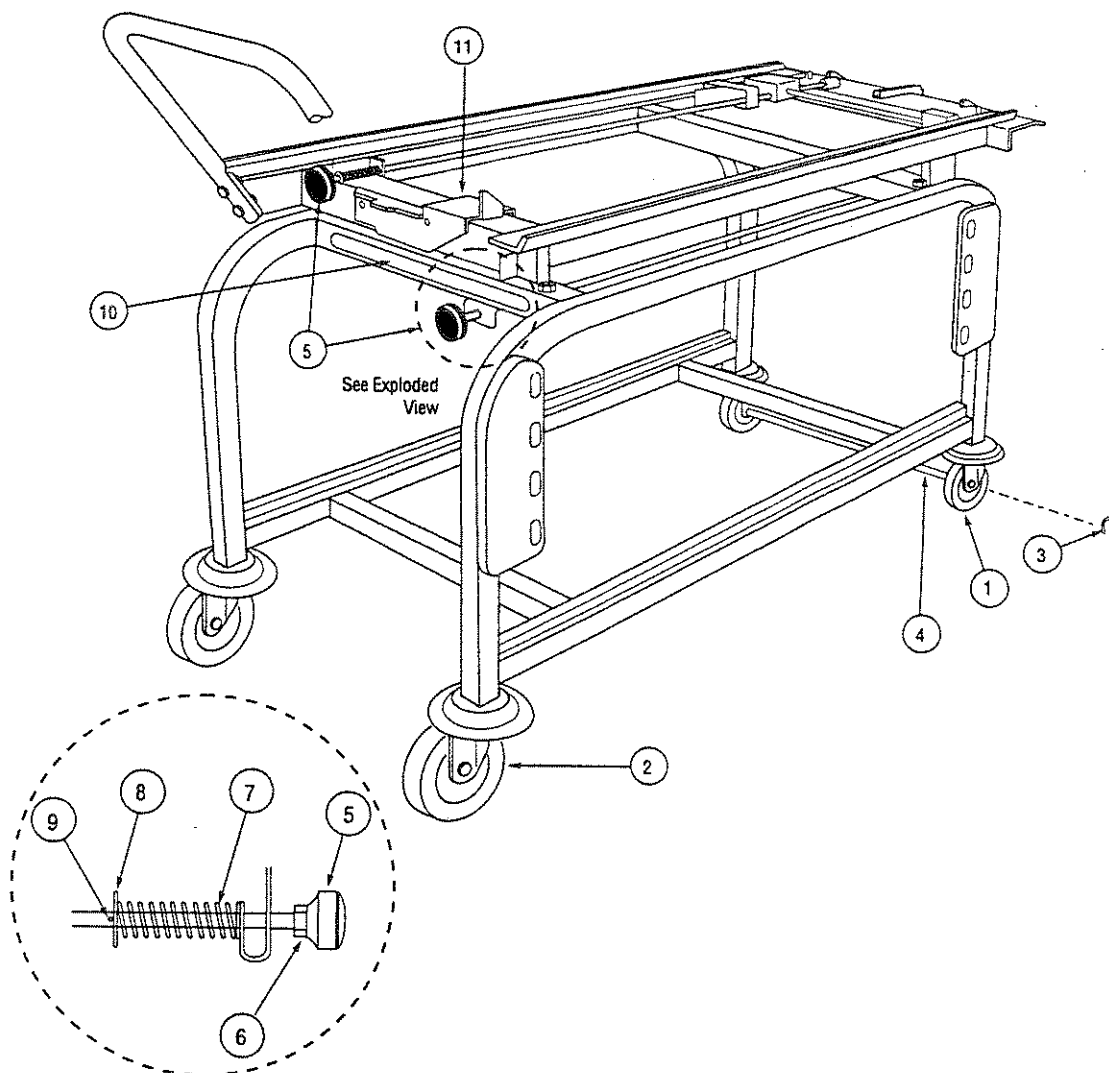


Figure 8. Optional Transfer Carriage

OPTIONAL TRANSFER CARRIAGE ASSEMBLY

Call STERIS® Customer Service For Ordering Parts 1-800-333-8848

ITEM NO.	PART NUMBER	DESCRIPTION
1	56396 -370	CASTER, Rigid
2	56396 -369	CASTER, Swivel
3	129353 -322	E-RING, RETAINING
4	150828 -051	AXLE
5	150828 -088	KNOB, PULL
6	24496 -061	NUT, JAM, 3/8" - 16
7	91536 -061	SPRING
8	76666 -061	WASHER, FLAT
9	36683 -061	ROLL PIN
10	136809 -541	LABEL
11	129362 -951	CARRIAGE LOCK SPRING

